

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	9866546
<b>Application Number:</b>	10763099
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	7524
<b>Title of Invention:</b>	Multicast communication protocols, systems and methods
<b>First Named Inventor/Applicant Name:</b>	Charles Frank
<b>Customer Number:</b>	25943
<b>Filer:</b>	Nathan Robert Maki/Christie Doolittle
<b>Filer Authorized By:</b>	Nathan Robert Maki
<b>Attorney Docket Number:</b>	119127-160997
<b>Receipt Date:</b>	12-APR-2011
<b>Filing Date:</b>	21-JAN-2004
<b>Time Stamp:</b>	21:13:10
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$180
RAM confirmation Number	6971
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### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
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1		145720_Response_04_12_11.pdf	87154 2f2bc26d89094c38b0fcd15c78ff15c478b25	yes	9
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Amendment/Req. Reconsideration-After Non-Final Reject		1	1	
	Claims		2	7	
	Applicant Arguments/Remarks Made in an Amendment		8	9	
Warnings:					
Information:					
2	Information Disclosure Statement (IDS) Filed (SB/08)	145720_IDS_04_12_11.pdf	614929 611deadd8d81a06010d8e13a0c1db4075edff	no	4
Warnings:					
Information:					
3	NPL Documents	NPL_Kim_Internet_Multicast_P rovisioning.pdf	254697 699cd119e44496c5d86ac1e0920767e55c1d1a1f1	no	4
Warnings:					
Information:					
4	NPL Documents	NPL_Satran-Internet_Small_Computer.pdf	7490640 8127787782c248bbd6daef7aecc0dc9208fc098b	no	229
Warnings:					
Information:					
5	Fee Worksheet (PTO-875)	fee-info.pdf	29938 015cb95c1627c426c12c68bb058c51b108e03b41e	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			8477358		

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**New Applications Under 35 U.S.C. 111**

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

**New International Application Filed with the USPTO as a Receiving Office**

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.